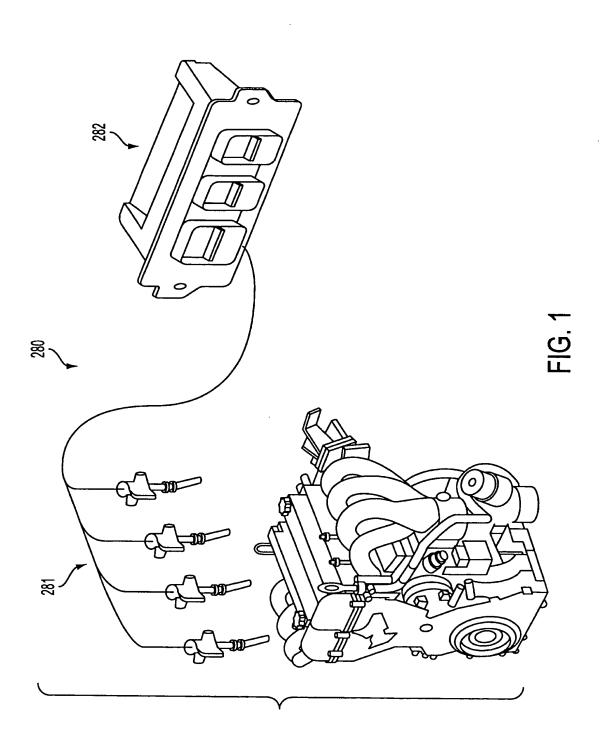
INVENTORS: Zhu, et al.

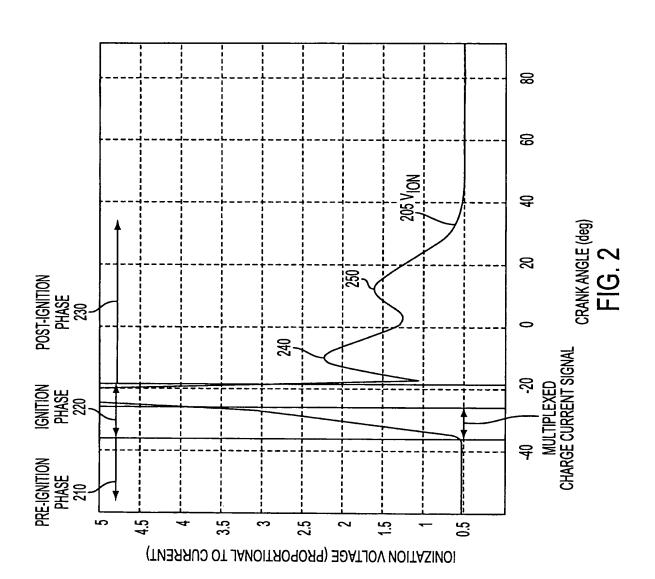
TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE
PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS
ATTORNEY DOCKET: 46107-0098

ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)



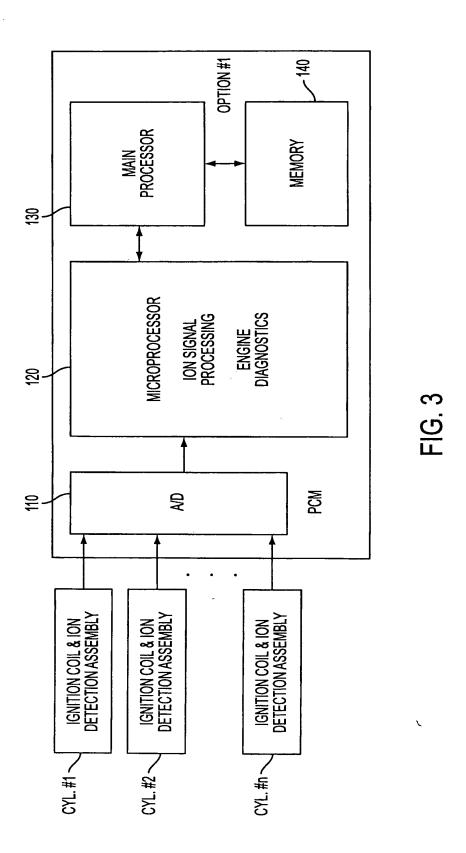
ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)

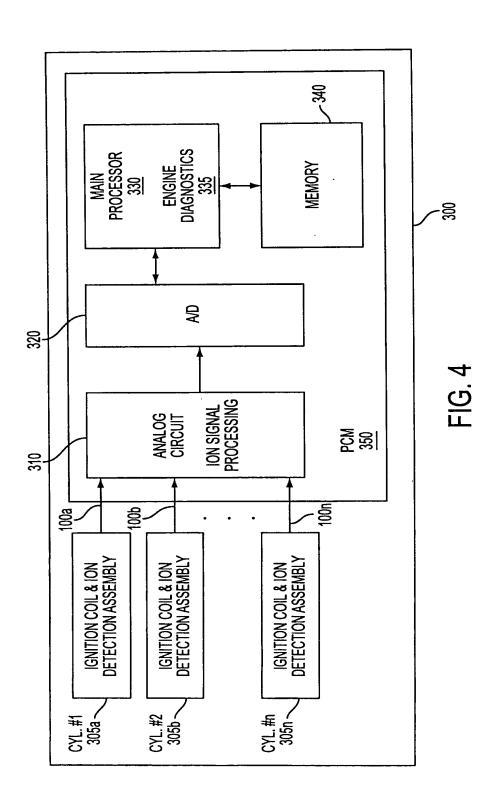




INVENTORS: Zhu, et al. TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS

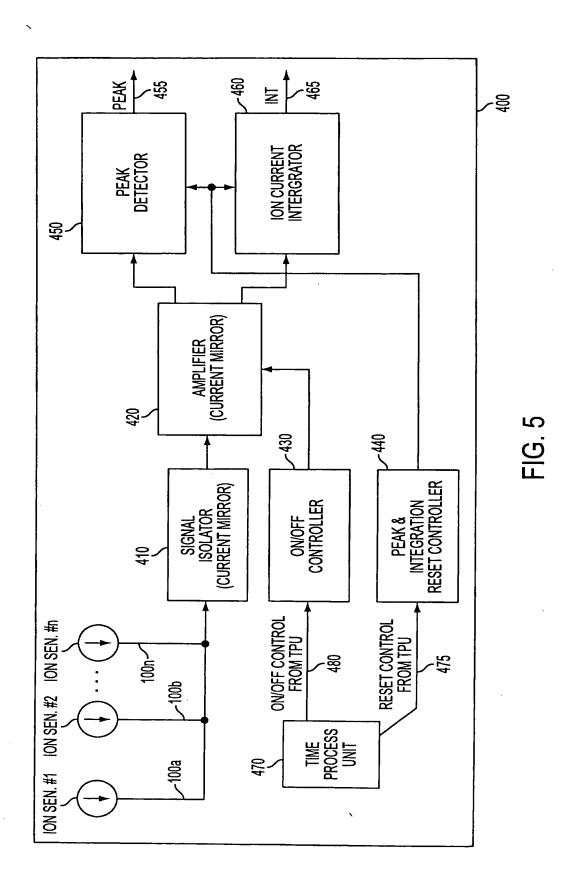
ATTORNEY DOCKET: 46107-0098 ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)





INVENTORS: Zhu, et al. TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE

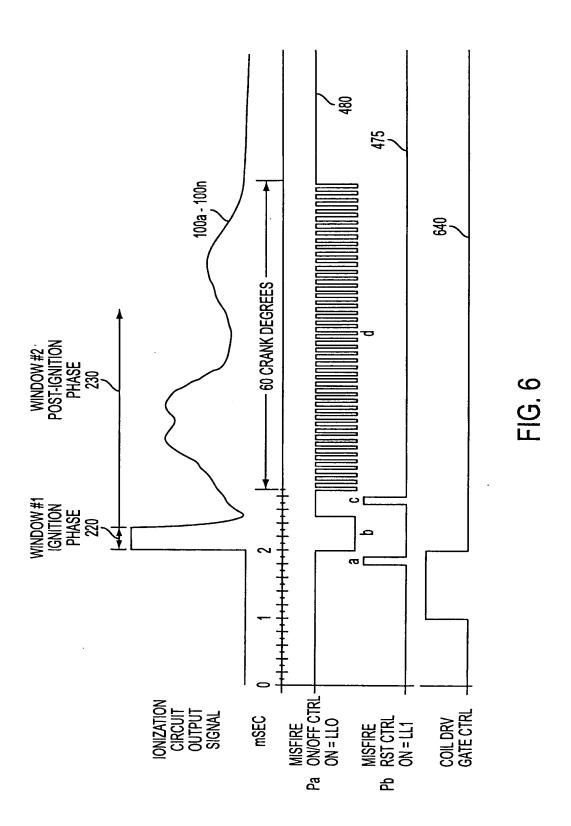
PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS
ATTORNEY DOCKET: 46107-0098
ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)



INVENTORS: Zhu, et al.

TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS

ATTORNEY DOCKET: 46107-0098 ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)



INVENTORS: Zhu, et al. TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS ATTORNEY DOCKET: 46107-0098

ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)

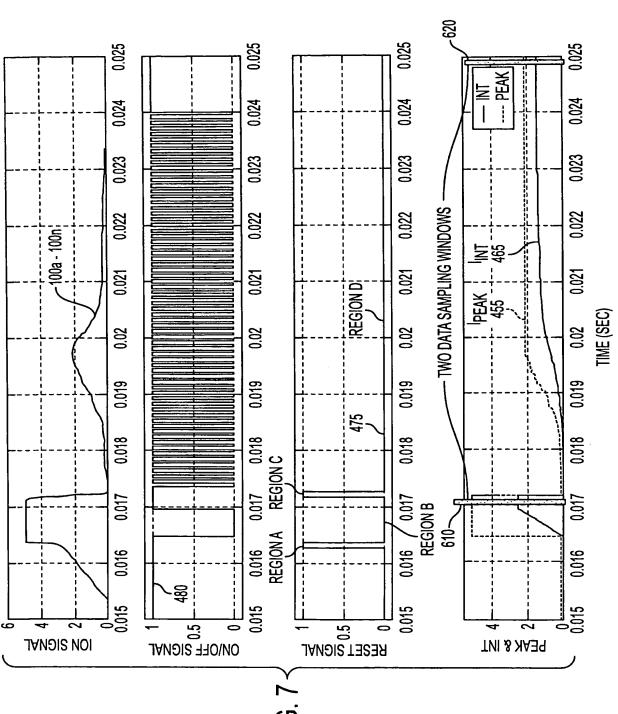
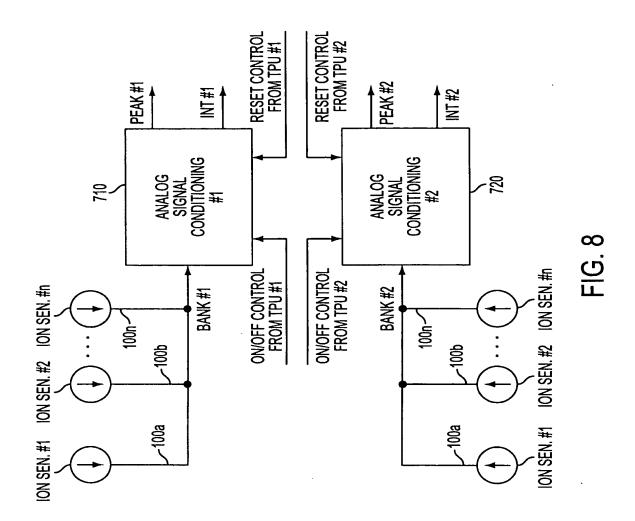


FIG. 7

INVENTORS: Zhu, et al. TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS ATTORNEY DOCKET: 46107-0098 ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)



INVENTORS: Zhu, et al. TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS ATTORNEY DOCKET: 46107-0098

ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)

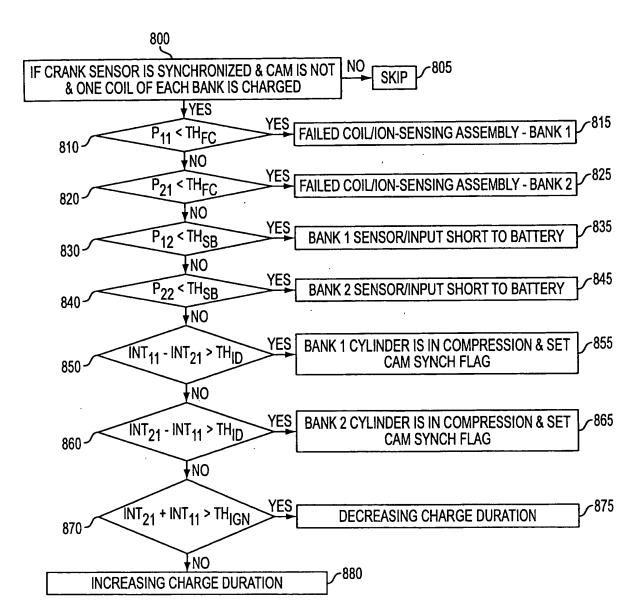


FIG. 9

INVENTORS: Zhu, et al. TITLE: AN IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS ATTORNEY DOCKET: 46107-0098 ATTORNEY OF RECORD: DOUGLAS A. MULLEN (202/457-0160)

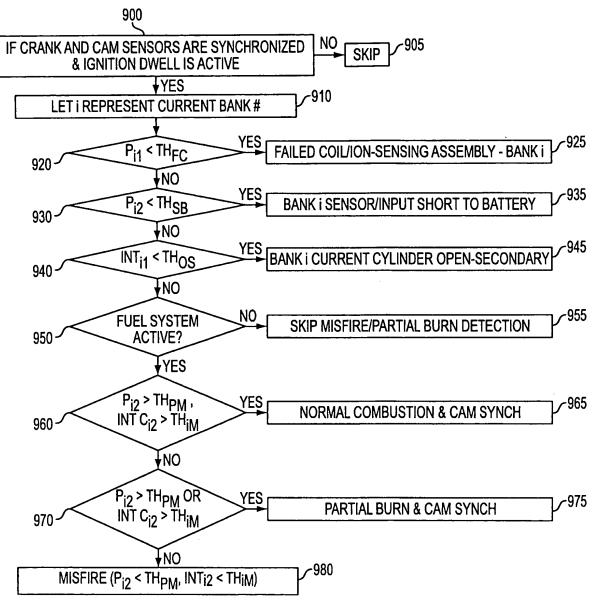


FIG. 10